



ease type a plus sign (+) inside this box -> [+]	Approved for use through 09/30/2000. Patent and Trademark Office: U.S. DEPARTMENT	OF COMMERCE
	equired to respond to a collection of information unless it displays a valid OMI Attorney Docket No. G-305	3 control number:
UTILITY	First Inventor or Application Identifier Elizabeth G.	Hetzler, et a
PATENT APPLICATION	Title Method and Apparatus for Entity R	
TRANSMITTAL		
Only for new nonprovisional applications under 37 C.F.R. s		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application	Assistant Commissioner for ADDRESS TO: Box Patent Application washington, DC 20231	Patents O L
* Fee Transmittal Form (e.g., PTO/SB/1 (Submit an original and a duplicate for fee product) X Specification (Total Page (preferred arrangement set forth below)	6. Nucleotide and/or Amino Acid Sequence Subr	, , , , , , , , , , , , , , , , , , ,
 Descriptive title of the Invention Cross References to Related Application 	a. Computer Readable Copy b. Paper Copy (identical to compute	er copy)
- Statement Regarding Fed sponsored R	c. Statement verifying identity of ab	ove copies
 Reference to Microfiche Appendix Background of the Invention 	ACCOMPANYING APPLICATION P	ARTS
- Brief Surnmary of the Invention - Brief Description of the Drawings (if file	7. Assignment Papers (cover sheet & docu	ument(s)) ver of
- Detailed Description	Wileli there is all assigned) rule	omey ahlel
Claim(s)Abstract of the Disclosure	<i>y</i> L	pies of IDS
3. X Drawing(s) (35 U.S.C. 113) [Total Shee	1. 1.0	ations
[Total Page	Preliminary Amendment	İ
Alamba avacuted (original or conv	Return Receipt Postcard (MPEP 503)	
a. Newly executed (original of copy) Copy from a prior application (37) b. (for continuation/divisional with Box 1)		orior application
•		
i. <u>DELETION OF INVENTOR</u> Signed statement attach	ed deleting Certified Copy of Priority Document(s)	
inventor(s) named in the page 37 C.F.R. §§ 1.63(d)(rior application, (il loreign priority is claimed)	, ^
TO SEE ENTITLED TO	AY SMALL ENTITY	*************
FEES, A SMALL ENTITY STATEMENT IS RECUIRED (37 C.F.	77 C.F.R. § 1.28).	•••••
16. If a CONTINUING APPLICATION, check appl	opriate box, and supply the requisite information below and in a preliminary an	nendment:
Continuation Divisional Con	inuation-in-part (CIP) of prior application No:	
Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The	in the section and which an eath or declaration	on is supplied
under Box 4b, is considered a part of the disclosure	of the accompanying continuation or divisional application and is hereby when a portion has been inadvertently omitted from the submitted appli	cation parts.
17. CC	RRESPONDENCE ADDRESS	
Customer Number or Bar Code Label (Insert C	or X Correspondence ad stomer No. or Attach bar code label here)	dress below
THE PART OF THE PA	1-53)	
Name Battelle Memorial Ins	titute	
P.O. Box 999		
A001633	State UA Zip Code 99352	
city Richland	(500) 275 2001 50x (500) 3	75-4487
Country U.S.A.	Telephone (309) 373-2301	
Name (PrintType) Paul W. Zimmer	nan Registration No. (Attorney/Agent) 34,76	y tra
Signature Saul W =	Simullular Date 99/50	427

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Signature





PTO/SB/17 (12-98)
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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT

(\$)	425.	00
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Complete if Known		
Application Number		
Filing Date		•
First Named Inventor	E.G. Hetzler, et al.	
Examiner Name		
Group / Art Unit		
Attorney Docket No.	G-305	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)	
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) Code (\$)	Fee Paid
Account 02-1275	105 130 205 65 Surcharge - late filing fee or oath	
Deposit Account Name Battelle Memorial Institute Pacific Northwest Division	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	
Charge Any Additional	139 130 139 130 Non-English specification	
Fee Required Under 37 CFR 1.16 and 1.17	147 2,520 147 2,520 For filing a request for reexamination	
2. Payment Enclosed:	112 920° 112 920° Requesting publication of SIR prior to Examiner action	. •
Check Money Other	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action	
FEE CALCULATION	115 110 215 55 Extension for reply within first month	
	116 380 216 190 Extension for reply within second month	
1. BASIC FILING FEE Large Entity Small Entity	117 870 217 435 Extension for reply within third month	· ·
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	118 1,360 218 680 Extension for reply within fourth month	
101 760 201 380 Utility filing fee 380	128 1,850 228 925 Extension for reply within fifth month	
106 310 206 155 Design filing fee	119 300 219 150 Notice of Appeal	
107 480 207 240 Plant filing fee	120 300 220 150 Filing a brief in support of an appeal	
108 760 208 380 Reissue filing fee	121 260 221 130 Request for oral hearing	
114 150 214 75 Provisional filing fee .	138 1,510 138 1,510 Petition to institute a public use proceeding	
SUBTOTAL (1) (6)	140 110 240 55 Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 380.00	141 1,210 241 605 Petition to revive - unintentional	
2. EXTRA CLAIM FEES Fee from	142 1,210 242 605 Utility issue fee (or reissue)	
Extra Claims below Fee Paid	143 430 243 215 Design issue fee	
Total Claims 25 -20** = 5 X 9 = 45	144 580 244 290 Plant issue fee	
Claims LLL -	122 130 122 130 Petitions to the Commissioner	
Multiple Dependent	123 50 123 50 Petitions related to provisional applications	
**or number previously paid, if greater, For Reissues, see below Large Entity Small Entity	126 240 126 240 Submission of Information Disclosure Stmt	
Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	
103 18 203 9 Claims in excess of 20	146 760 246 380 Filing a submission after final rejection (37 CFR 1.129(a))	
102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid	149 760 249 380 For each additional invention to be examined (37 CFR 1.129(b))	
109 78 209 39 ** Reissue independent claims over original patent Other fee (specify)		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	
SUBTOTAL (2) (\$) 45.00	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) _0)

SUBMITTED B	Υ	Complete (if	applicable)
Typed or Printed Name	Paul W. Zimmerman	Reg. Number	34,761
Signature	Paul W. Simmenum Date 95	Deposit Account Ser ID	005055

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Express Mailing Label #EJ017935753US
PATENT
File No. G-305

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant or Patentee: <u>EG Hetzler, SL Havre, WM Harris, DT Donohoo</u> ,
PD Whitney, and GC Nakamura
Serial or Patent No.:
Filed or Issued:
For: METHOD AND APPARATUS FOR ENTITY RELATIONSHIP VISUALIZATION
VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) and 1.27(d)) -
I hereby declare that I am an official empowered to act on behalf of the entity identified below:
NAME OF ORGANIZATION <u>Battelle Memorial Institute</u>
Pacific Northwest Division Pacific Northwest Division Pacific Northwest Division
ADDRESS OF ORGANIZATION Post Office Box 999, Richland, WA 99352
TYPE OF ENTITY:
[X] Nonprofit Organization (37 CFR 1.9(e)) Nonprofit Scientific or Educational Under Statute of State of the United States of America
(Name of State <u>Ohio</u> (Citation of Statute <u>Sections 1719.01 and 1719.05, Rev. Code</u> of Ohio)
[] Small Business (37 CFR 1.9(d)) [] Independent Inventor (37 CFR 1.9(c))
I hereby declare that the entity identified above qualifies as such as defined in []37 CFR 1.9(c) []37 CFR 1.9(d) [X]37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled METHOD AND APPARATUS FOR ENTITY RELATIONSHIP VISUALIZATION by inventor(s) EG Hetzler , SL-Havre , WM Harris , DT Donohoo , PD Whitney , and GC Nakamura described in
[] application executed
[X] specification filed herewith
[] application serial no, filed
[] patent no, issued

I hereby state that rights under contract or law have been conveyed to and remain with entity with regard to the above identified invention.

If the rights held by such entity are not exclusive, each individual, concern or organization having rights in the invention must file separate statements as to their status as small entities (37 CFR 1.27) and that no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

NAME		
ADDRESS		
[] INDEPENDENT INVENTOR ORGANIZATION	[] SMALL BUSINESS CONCERN	[] NONPROFIT
NAMEADDRESS	· · ·	
[] INDEPENDENT INVENTOR ORGANIZATION	[] SMALL BUSINESS CONCERN	[] NONPROFIT

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME-OF-PERSON-SIGNING	Paul W. Zimmerman	
TITLE OF ORGANIZATION	Contracting Officer, Pacific Northwest Division,	
Battelle Memorial Institute		
	G Post Office Box 999, Richland, WA 99352	

SIGNATURE Raul M. Firmmelman DATE 99/504/29

Express Mailing Label #EJ017935753US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
EG Hetzler, SL Havre, WM Harris,) DT Donohoo, PD Whitney, and) GC Nakamura)	Our Ref. No: G-305
For: METHOD AND APPARATUS FOR () ENTITY RELATIONSHIP () VISUALIZATION ()	Date: July 28, 1999
CERTIFICATE OF	MAILING
Box PATENT APPLICATION Commissioner of Patents and Tradema Washington, DC 20231	arks
Dear Sir:	
The undersigned hereby certifi	es that the attached:
<pre>[X] Patent Application of [X] Drawings of Sheet [X] Fee Transmittal (2 ea [] Assignment / Cvr. She [] Combined Declaration [X] Small Entity [] Information Disclosure [] with attachment</pre>	et and Power of Attorney
are being deposited with the United	States Postal Service as:
[] First Class Mail [X] Express Mail - Label in an envelope addressed to the Con Trademarks, Washington, D.C. 20231 below. Signati	missioner of Patents and on the date set forth wice K. Luftourn

Janice K. Laybourn K1-53 Intellectual Property Services Battelle Memorial Institute Pacific Northwest Laboratories P.O. Box 999 Richland, WA 99352 (509) 375-2655